TRENDnet

N150 Wireless Outdoor PoE Access Point
TEW-715APO

• Quick Installation Guide (1)

TEW-715APO (V1.0R) / 08.23.2012

1. Before You Start

Package Contents

- TEW-715APO
- CD-ROM (User's Guide)
- Multi-Language Quick Installation Guide
- PoE injector
- Power cord
- Pole mounting clamp
- Grounding wire

Minimum Requirements

- Computer with an Ethernet port and Web Browser
- A network switch or router with an available network LAN port
- 2 x RJ-45 network cables

Note: The TEW-715APO does not support IEEE 802.3af. You must use the proprietary Power over Ethernet injector that is supplied with the TEW-715APO.

2. Hardware Configuration

Note:

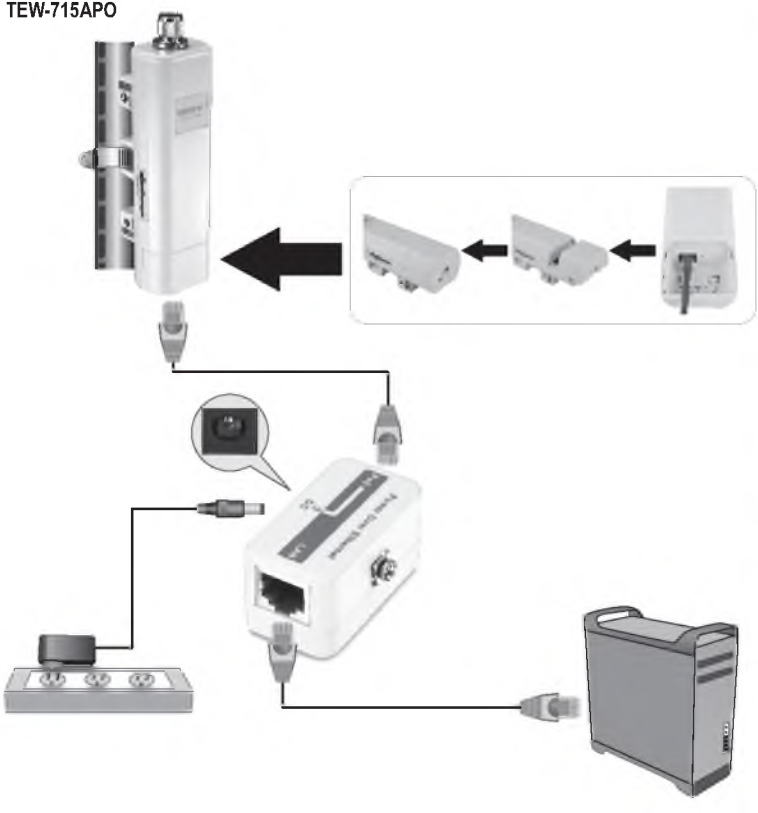
1. The default IP address of the TEW-715APO is 192.168.10.100. To configure the TEW-715APO, your network adapter must have an IP address within the 192.168.10.x subnet (e.g. 192.168.10.50). Please refer to the Appendix in the User's Guide for more information.
2. Disable any anti-virus and firewall programs before configuring the access point.

Phase 1: Configuration

Note:

1. The initial configuration should be completed in a testing environment with the two TEW-715APO's approximately 15 ft. (5 meters) apart from one another.
2. Configure and connect the devices before mounting.

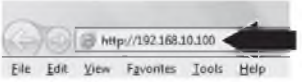
TEW-715APO



1. Write the MAC address of the two TEW-715APOs. The MAC address can be found on the back of the unit.

2. Pinch the tab and slide the cover down.

3. Connect one end of a network cable into the TEW-715APO #1.
   - Remove the bottom cover and connect a network cable to the PoE port.
4. Connect the opposite end of the network cable to the **POE** port on the Power over Ethernet Injector.
5. Connect one end of another network cable to the **LAN** port on the Power over Ethernet Injector.
6. Connect the other end of a network cable to your computer's Ethernet port.
7. Connect the power adapter into the Power over Ethernet Injector. Then connect the power adapter into a power outlet.
8. Assign a Static IP address to your computer's network adapter in the subnet of 192.168.10.x (e.g. 192.168.10.25) and a subnet mask of 255.255.255.0.
9. Open your web browser, type the IP address of the access point in the address bar, and then press Enter. The default IP address is 192.168.10.100



10. Enter the User name and Password, and then click Login. By default:
    User Name: admin
    Password: admin
    Note: User Name and Password are case sensitive.
11. Click **Wireless** and then click **Basic Settings**.

12. Select **Bridge** for Operation Mode.
13. Click **Apply**.

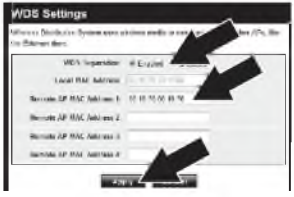
14. Click **OK**.

15. Click **Wireless** and then click **WDS Settings**.

16. Click **Enabled** for WDS Separation.

17. Enter the MAC address of the TEW-715APO that you are connecting to.

18. Click **Apply**.



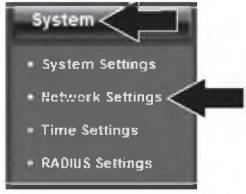
19. Click **OK**.

20. Please refer to the user manual for the steps in setting up wireless encryption.

    Note: To protect your network from any unauthorized access it is recommended to enable wireless encryption.

21. Click **Back**.

22. Click **System** and then click **Network Settings**.



23. Select **Use Fixed IP Address**.

24. Configure the TEW-715APO's IP address to a valid IP address within the subnet defined by the Router. Avoid using an IP address within the DHCP pool of your router. In this example, we will assume the following:

    Router IP Address: 192.168.10.1
    Subnet Mask: 255.255.255.0
    DHCP Pool:
    192.168.10.100~192.168.10.199

    The TEW-715APO will be setup with the following IP address assignment:

    IP Address: 192.168.10.200
    Subnet Mask: 255.255.255.0
    Gateway IP Address: 192.168.10.1
    DNS 1: 192.168.10.1

25. Click **Apply**.

26. Click **OK**.

27. Repeat steps 2-26 for TEW-715APO #2.

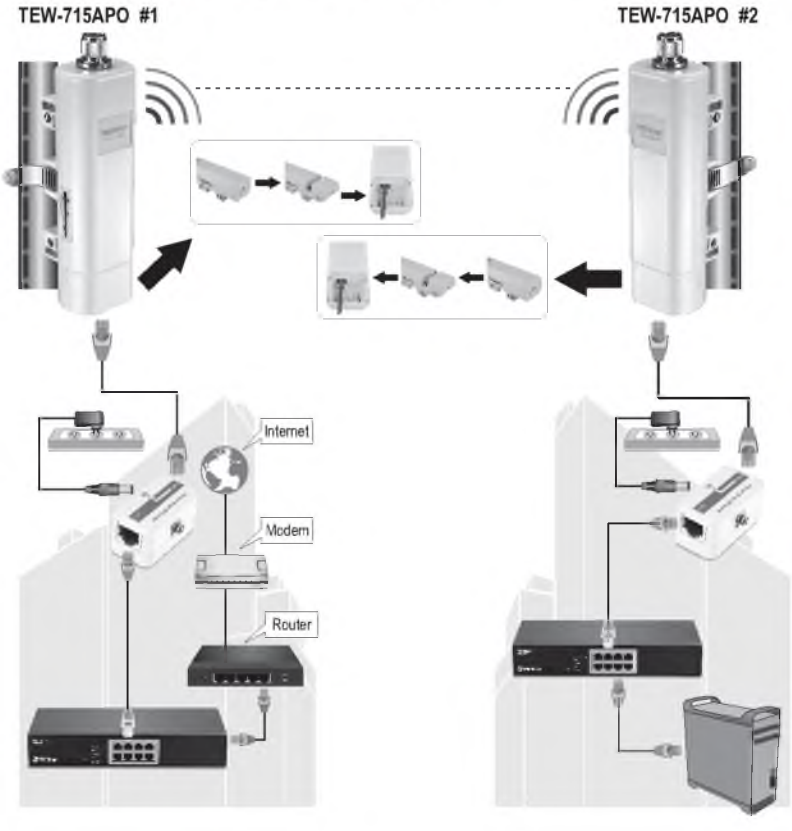
Phase 2: Confirm Connectivity

Note:

1. Leave TEW-715APO #2 connected to your computer.
2. Connect TEW-715APO #1 to a LAN port of a router on your network.
3. To verify connectivity, run your computer's command prompt and ping TEW-715APO #1's assigned IP address from your computer.
4. A successful ping reply determines that both TEW-715APOs are configured properly and connected.

3. Hardware Installation

Point-to-Point (WDS Bridge) Configuration



1. Refer to the above diagram.
2. Mount the TEW-715APOs in your desired location. See **Pole Mounting the TEW-715APO** for mounting instructions.
3. Connect the TEW-715APOs to their respective network.
4. Confirm that the TEW-715APOs are facing each other.
5. Verify that the status LED indicators on both TEW-715APOs are fully functional: **Power (Solid/Green), LAN (Blinking/Green)** and **Signal Indicator [Wireless] (Green, Yellow or Red)**.

Connecting the Grounding Wire

1. Loosen and remove the metal O-ring on the N-type connector.

2. Put the grounding wire into the connector and tighten up with the O-ring.

3. Connect the grounding wire to a grounding object. e.g. Earth driven rod or grounded electrical system.

Pole Mounting the TEW-715APO

Note:
The pole mounting clamp supports poles with a maximum diameter of 63mm (2.48 inches).

1. Turn the screw on the pole mounting clamp counter clockwise.

2. Insert the pole mounting clamp through the middle of the TEW-715APO.

3. Wrap the mounting clamp around a pole.

4. Secure the TEW-715APO to pole by turning the screw clockwise.

Wireless outdoor access point installation is now complete.

For detailed information regarding the **TEW-715APO**'s configuration and advanced settings and mounting instructions, please refer to the User's Guide on the provided CD-ROM.

Declaration of Conformity

TRENDnet

Company Information:

Company Name:
TRENDnet, Inc.

Company Address:
20675 Manhattan Place
Torrance, CA 90501
USA

Product Information:

Product Description:
N150 Wireless Outdoor PoE Access Point

Model Number:
TEW-715APO

Brand name:
TRENDnet

Technical Standards:

EN 300 328	V1.7.1: 10-2006
EN 301 489-1	V1.9.2: 09-2011
EN 301 489-17	V2.1.1: 09-2011
EN 50385 : 2002	
EN 60950-1: 2006 + A11 : 2009 + A1 : 2010 + A12 : 2011	

Declaration:

The product is herewith confirmed to comply with t he requirements of Directive 1999/5/EC of the Council (European Parliament) on the radio and telecommunications terminal equipment and Energy-related products Directive 2009/125/EC.

I hereby declare that the products and devices mentioned above are consistent with the standards and provisions of the guidelines.

Sonny Su	Director of Technology
Full Name	Position/Title
July 16, 2012	
Date	Signature

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(2) This device must accept any interference received. Including interference that may cause undesired operation.

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